



1PTO/SB/08a (07-05)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known	
Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Art Unit	3672
Examiner Name	Hoang C. Dang
Attorney Docket Number	WEAT/0359.P1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Hoang Dang/ (06/23/2006)	Date Considered	06/23/2006
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **¹** Applicant's unique citation designation number (optional). **²** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **³** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **⁴** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **⁵** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **⁶** Applicant is to place a check mark here if English language Translation is attached.

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Substitute for FORM 14498

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Sheet 1

of 6

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Application Number	10/775,048
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First Named Inventor	Richard L. Giroux
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

U.S. PATENT DOCUMENTS

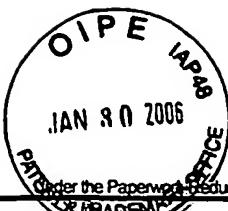
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HD	A1	US - 6,837,313	01-04-2005	Hosie, et al.	
	A2	US - 6,832,658	12-21-2004	Keast	
	A3	US - 6,742,584	06-01-2004	Appleton	
	A4	US - 6,732,822	05-11-2004	Slack, et al.	
	A5	US - 6,719,071	04-13-2004	Moyes	
	A6	US - 6,715,430	04-06-2004	Choi, et al.	
	A7	US - 6,688,398	02-10-2004	Pietras	
	A8	US - 6,679,333	01-20-2004	York, et al.	
	A9	US - 6,637,526	10-28-2003	Juhasz, et al.	
	A10	US - 6,619,402	09-16-2003	Amory, et al.	
	A11	US - 6,527,493	03-04-2003	Kamphorst, et al.	
	A12	US - 6,595,288	07-22-2003	Mosing, et al.	
	A13	US - 6,553,825	04-29-2003	Boyd	
	A14	US - 6,540,025	04-01-2003	Scott, et al.	
	A15	US - 6,527,493	03-04-2003	Kamphorst, et al.	
	A16	US - 6,431,628	08-13-2002	Bouligny	
	A17	US - 6,390,190	05-21-2002	Mullins	
	A18	US - 6,367,552	04-09-2002	Scott, et al.	
	A19	US - 6,347,674	02-19-2002	Bloom, et al.	
	A20	US - 6,273,189	08-14-2001	Gissler, et al.	
	A21	US - 6,202,764	03-20-2001	Ables, et al.	
	A22	US - 6,179,055	01-30-2001	Saltwasser, et al.	
	A23	US - 6,161,617	12-19-2000	Gjedbo	
HD	A24	US - 6,089,323	07-18-2000	Newman, et al.	

Examiner Signature	/Hoang Dang/ (06/23/2006)	Date Considered	06/23/2006
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Substitute for form 1449, 1449A-010

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 6

Complete if Known

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Art Unit	3672
Examiner Name	Unknown

Attorney Docket Number WEAT/0359.P1

U.S. PATENT DOCUMENTS

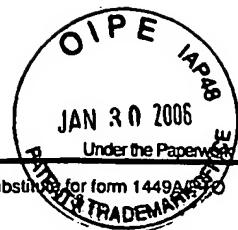
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HD	A25	US - 6,082,461	07-04-2000	Newman, et al.	
	A26	US - 5,960,881	10-05-1999	Allamon, et al.	
	A27	US - 5,954,131	09-21-1999	Saltwasser	
	A28	US - 5,842,149	11-24-1998	Harrell, et al.	
	A29	US - 5,823,264	10-20-1998	Ringgenberg	
	A30	US - 5,794,703	08-18-1998	Newman, et al.	
	A31	US - 5,772,514	06-30-1998	Moore	
	A32	US - 5,735,351	04-07-1998	Helms	
	A33	US - 5,730,471	03-24-1998	Schulze-Beckinghausen, et al.	
	A34	US - 5,697,442	12-16-1997	Baldridge	
	A35	US - 5,667,011	09-16-1997	Gill, et al.	
	A36	US - 5,588,918	12-31-1996	Moore	
	A37	US - 5,566,772	10-22-1996	Coone, et al.	
	A38	US - 5,461,905	10-31-1995	Penisson	
	A39	US - 5,392,715	02-28-1995	Petrine	
	A40	US - 5,340-182	08-23-1994	Busink, et al.	
	A41	US - 5,284,210	02-08-1994	Helms, et al.	
	A42	US - 5,272,925	12-28-1993	Henneuse, et al.	
	A43	US - 5,156,213	10-20-1992	George, et al.	
	A44	US - 5,085,273	02-04-1992	Coone	
	A45	US - 5,062,756	11-05-1991	McArthur, et al.	
↓	A46	US - 4,915,181	04-10-1990	Labrosse	
HD	A47	US - 4,909,741	03-20-1990	Schasteen, et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Art Unit	3672
Examiner Name	Unknown

Attorney Docket Number

WEAT/0359.P1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HD	A48	US - 4,904,119	02-27-1990	Legendre, et al.	
	A49	US - 4,883,125	11-28-1989	Wilson, et al.	
	A50	US - 4,821,814	04-18-1989	Willis, et al.	
	A51	US - 4,778,008	10-18-1988	Gonzalez, et al.	
	A52	US - 4,744,426	05-17-1988	Reed	
	A53	US - 4,681,162	07-21-1987	Boyd	
	A54	US - 4,693,316	09-15-1987	Ringgenberg, et al.	
	A55	US - 4,681,162	07-21-1987	Boyd	
	A56	US - 4,678,031	07-07-1987	Blandford, et al.	
	A57	US - 4,676,310	06-30-1987	Scherbatkoy, et al.	
	A58	US - 4,492,134	01-08-1985	Reinholdt, et al.	
	A59	US - 4,489,794	12-25-1984	Bojadjeff	
	A60	US - 3,947,009	03-30-1976	Nelmark	
	A61	US - 3,915,244	10-28-1975	Brown, deceased	
	A62	US - 3,746,330	07-17-1973	Taciuk	
	A63	US - 3,662,842	05-16-1972	Bromell	
	A64	US - 3,477,527	11-11-1969	Koot	
	A65	US - 3,392,609	07-16-1968	Bartos	
	A66	US - 2,953,406	09-20-1960	Young	
	A67	US - 2,536,458	01-02-1951	Munsinger	
	A68	US - 2,536,458	01-02-1951	Munsinger	
	A69	US - 2,305,062	12-15-1942	Church, et al.	
▼	A70	US - 2,105,885	01-18-1938	Hinderliter	
HD	A71	US - 1,998,833	04-23-1935	Crowell	

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		Number - Kind Code ² (if known)			
HD	A72	US - 1,830,625	11-03-1931	Schrock	
	A73	US - 1,825,026	09-29-1931	Thomas	
	A74	US - 1,777,592	10-07-1930	Thomas	
	A75	US - 1,728,136	09-10-1929	Power	
	A76	US - 1,585,069	05-18-1928	Youle	
	A77	US - 1,471,526	10-23-1923	Pickin	
	A78	US - 1,418,768	06-06-1922	Wilson	
	A79	US - 1,077,772	11-04-1913	Weathersby	
	A80	US - 122,514	01-09-1872	Bullock	
	A81	US - 2005/0096846	05-05-2005	Koithan, et al.	
	A82	US - 2004/0144547	07-29-2004	Koithan, et al.	
	A83	US - 2004/0124010	07-01-2004	Galloway, et al.	
	A84	US - 2004/0118614	06-24-2004	Galloway, et al.	
	A85	US - 2004/0112603	06-17-2004	Galloway, et al.	
	A86	US - 2003/0173073	09-18-2003	Snider, et al.	
	A87	US - 2003/0164276	09-04-2003	Snider, et al.	
HD	A88	US - 2002/0170720	11-21-2002	Haugen	
	A89				
	A90				
	A91				
	A92				
	A93				
	A94				
	A95				

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		Country Code ³ - Number ⁴	Kind Code ⁵ (if known)			
HD	B1	GB 2 389 130		12-03-2003	Baker Hughes Inc.	
	B2	GB 2 372 271		08-21-2002	Sharp	
	B3	GB 2 324 108		10-14-1998	Harden, et al.	
	B4	GB 2 170 528		08-06-1986	Seabourn	
	B5	GB 1 306 568		03-14-1973	Fox	
	B6	GB 2 386 626		09-24-2003	Smith, et al.	
	B7	GB 2 240 799		08-14-1991	Mine	
	B8	GB 2 223 253		04-04-1990	Arnold, et al.	
	B9	GB 2 345 074		06-28-2000	Pietras	
	B10	WO 2004/022903		03-18-2004	Robichaux, et al.	
	B11	WO 03/006790		01-23-2003	Coon, et al.	
	B12	WO 02/14649		02-21-2002	Hassen	
	B13	WO 00/41487		07-20-2000	Murray	
	B14	WO 00/09853		02-24-2000	Reynolds	
	B15	WO 00/04269		01-27-2000	Fincher, et al.	
HD	B16	WO 98/01651		01-15-1998		
	B17					
	B18					
	B19					
	B20					
	B21					
	B22					
	B23					

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Examiner Name	Unknown

(Use as many sheets as necessary)

Sheet 6 of 6 Attorney Docket Number WEAT/0359.P1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HD	C1	ALEXANDER SAS-JAWORSKY and J. G. WILLIAMS, Development of Composite Coiled Tubing For Oilfield Services, SPE 26536, Society of Petroleum Engineers, Inc., 1993	
	C2	A. S. JAFAR, H.H. AL-ATTAR, AND I. S. EL-AGELI, Discussion and Comparison of Performance of Horizontal Wells in Bouri Field, SPE 26927, Society of Petroleum Engineers, Inc. 1998	
	C3	G. F. BOYKIN, The Role of A Worldwide Drilling Organization and the Road to the Future, SPE/IADC 37630, 1997	
	C4	M. S. FULLER, M. LITTLER, and I. POLLOCK, Innovative Way To Cement a Liner Utilizing a New Inner String Liner Cementing Process, 1998	
	C5	HELIO SANTOS, Consequences and Relevance of Drillstring Vibration on Wellbore Stability, SPE/IADC 52820, 1999	
	C6	CHAN L. DAIGLE, DONALD B. CAMPO, CAREY J. NAQUIN, RUDY CARDENAS, LEV M. RING, PATRICK L. YORK, Expandable Tubulars: Field Examples of Application in Well Construction and Remediation, SPE 62958, Society of Petroleum Engineers Inc., 2000	
	C7	C. LEE LOHOEFER, BEN MATHIS, DAVID BRISCO, KEVIN WADDELL, LEV RING, and PATRICK YORK, Expandable Liner Hanger Provides Cost-Effective Alternative Solution, IADC/SPE 59151, 2000	
	C8	KENNETH K. DUPAL, DONALD B. CAMPO, JOHN E. LOFTON, DON WEISINGER, R. LANCE COOK, MICHAEL D. BULLOCK, THOMAS P. GRANT, and PATRICK L. YORK, Solid Expandable Tubular Technology – A Year of Case Histories in the Drilling Environment, SPE/IADC 67770, 2001	
	C9	MIKE BULLOCK, TOM GRANT, RICK SIZEMORE, CHAN DAIGLE, and PAT YORK, Using Expandable Solid Tubulars To Solve Well Construction Challenges In Deep Waters And Maturing Properties, IPB 27500, Brazilian Petroleum Institute – IPB, 2000	
HD	C10	Coiled Tubing Handbook, World Oil, Gulf Publishing Company, 1993	
	C11		
	C12		

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S E R V I C E

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735
Submission Date	January 12, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A1	US-2,167,338	07-25-1939	Murcell	
	A2	US-2,228,503	01-14-1941	Boyd, et al.	
	A3	US-2,370,832	03-06-1945	Baker	
	A4	US-2,379,800	07-03-1945	Hare	
	A5	US-2,414,719	01-21-1947	Cloud	
	A6	US-2,720,267	10-11-1955	Brown	
	A7	US-2,741,907	06-06-1997	Genender, et al.	
	A8	US-3,006,415	10-31-1961	Burns, et al.	
	A9	US-3,041,901	07-03-1962	Knights	
	A10	US-3,054,100	09-11-1962	Jones	
	A11	US-3,090,031	05-14-1963	Lord	
	A12	US-3,111,179	11-19-1963	Albers, et al.	
	A13	US-3,117,636	01-24-1964	Wilcox, et al.	
	A14	US-3,124,023	3-10-1964	Marquis, et al.	
	A15	US-3,131,769	05-05-1964	Rochement	
	A16	US-3,193,116	07-06-1965	Kenneday, et al.	
↓	A17	US-3,419,079	12-31-1968	Current	
HD	A18	US-3,548,936	12-22-1970	Kilgore, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B1	CA 2 335 192	11-30-2001	Kozak		
	B2	DE 3 523 221	02-01-1987	Svetozar		
	B3	DE 3 918 132	12-14-1989	Eriksson		
↓	B4	EP 0 474 481	03-11-1992	Moody		
HD	B5	EP 0 087 373	08-31-1983	Plaquin		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
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		Number-Kind Code ² (if known)			
HD	A19	US-3,552,507	01-05-1971	Brown	
	A20	US-3,552,848	01-05-1971	Van Wagner	
	A21	US-3,566,505	03-02-1971	Martin	
	A22	US-3,602,302	08-31-1971	Kluth	
	A23	US-3,606,664	09-21-1971	Weiner	
	A24	US-3,635,105	01-18-1972	Dickmann, et al.	
	A25	US-3,680,412	08-01-1972	Mayer, et al.	
	A26	US-3,691,825	09-19-1972	Dyer	
	A27	US-3,696,332	10-03-1972	Dickson, Jr., et al.	
	A28	US-3,776,320	12-04-1973	Brown	
	A29	US-3,776,991	12-04-1973	Marcus	
	A30	US-3,848,684	11-19-1974	West	
	A31	US-3,857,450	12-31-1974	Guier	
	A32	US-3,913,687	10-21-1975	Gyongyosi, et al.	
	A33	US-4,054,332	10-18-1977	Bryan, Jr.	
↓	A34	US-4,095,865	06-20-1978	Denison, et al.	
	A35	US-4,127,927	12-05-1978	Hauk, et al.	
HD	A36	US-4,194,383	03-25-1980	Huzyak	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B6	EP 0 162 000	11-21-1985	Hamilton		
	B7	EP 0 171 144	02-12-1986	Stringfellow, et al.		
	B8	EP 0 285 386	10-05-1988	Haney		
↓	B9	EP 0 426 123	05-08-1991	Reis, et al.		
HD	B10	EP 0 525 247	02-03-1993	Willis		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered 06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735

Submission Date

January 12, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A37	US-4,227,197	10-07-1980	Nimmo, et al.	
	A38	US-4,241,878	12-30-1980	Underwood	
	A39	US-4,277,197	07-07-1981	Bingham	
	A40	US-4,280,380	07-28-1981	Eshghy	
	A41	US-4,311,195	01-19-1982	Mullins, II	
	A42	US-4,392,534	07-12-1983	Miida	
	A43	US-4,407,378	10-04-1983	Thomas	
	A44	US-4,427,063	01-24-1984	Skinner	
	A45	US-4,437,363	03-20-1984	Haynes	
	A46	US-4,445,734	05-01-1984	Cunningham	
	A47	US-4,449,596	05-22-1984	Bojadieff	
	A48	US-4,494,424	01-22-1985	Bates	
	A49	US-4,529,045	07-16-1985	Bojadieff, et al.	
	A50	US-4,570,706	02-18-1986	Pugnet	
	A51	US-4,592,125	06-03-1986	Skene	
	A52	US-4,593,773	06-10-1986	Skeie	
↓	A53	US-4,605,268	08-12-1986	Meador	
HD	A54	US-4,625,796	12-02-1986	Bojadieff	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B11	EP 0 589 823	03-03-1994	Busink, et al.		
	B12	EP 0 659 975	06-28-1995	Nagaoka, et al.		
	B13	EP 0 790 386	08-20-1997	Newton, et al.		
↓	B14	EP 0 881 354	04-24-1998	Vercaemem, et al.		
HD	B15	EP 0 962 384	12-08-1999	Poldervaart		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

4

of

12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735

Submission Date

January 12, 2005

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HD	A55	US-4,646,827	03-03-1987	Cobb	
	A56	US-4,649,777	03-17-1987	Buck	
	A57	US-4,667,752	05-26-1987	Berry, et al.	
	A58	US-4,676,312	06-30-1987	Mosing, et al.	
	A59	US-4,683,962	08-04-1987	True	
	A60	US-4,691,587	09-08-1987	Farrand, et al.	
	A61	US-4,709,599	12-01-1987	Buck	
	A62	US-4,709,766	12-01-1987	Bojadieff	
	A63	US-4,738,145	04-19-1988	Vincent, et al.	
	A64	US-4,742,876	05-10-1988	Barthelemy, et al.	
	A65	US-4,759,239	07-26-1988	Hamilton, et al.	
	A66	US-4,765,401	08-23-1988	Bojadieff	
	A67	US-4,773,689	09-27-1988	Wolters	
	A68	US-4,775,009	10-04-1988	Wittrisch, et al.	
	A69	US-4,781,359	11-01-1988	Matus	
	A70	US-4,788,544	11-29-1988	Howard	
↓	A71	US-4,791,997	12-20-1988	Krasnov	
HD	A72	US-4,793,422	12-27-1988	Krasnov	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
HD	B16	EP 1 256 691	11-13-2002	Hawkins, et al.		
↓	B17	FR 2 841 293	12-26-2003	Bouygues Offshore		
↓	B18	GB 2 115 940	09-14-1983	Plaquin		
↓	B19	GB 2 224 481	09-05-1990	Voeten		
HD	B20	GB 2 275 486	04-15-1993	Eiane, et al.		

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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PTO/SB-083 (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
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HD	A73	US-4,800,968	01-31-1989	Shaw, et al.	
	A74	US-4,806,928	02-21-1989	Veneruso	
	A75	US-4,813,493	03-21-1989	Shaw, et al.	
	A76	US-4,836,064	06-06-1989	Slator	
	A77	US-4,867,236	09-19-1989	Haney, et al.	
	A78	US-4,878,546	11-07-1989	Shaw, et al.	
	A79	US-4,901,069	02-13-1990	Veneruso	
	A80	US-4,936,382	06-26-1990	Thomas	
	A81	US-4,962,579	10-16-1990	Moyer, et al.	
	A82	US-5,009,265	04-23-1991	Bailey, et al.	
	A83	US-5,036,927	08-06-1991	Willis	
	A84	US-5,141,063	08-25-1992	Quesenbury	
	A85	US-5,176,518	01-05-1993	Hordijk, et al.	
	A86	US-5,191,932	03-09-1993	Seefried, et al.	
	A87	US-5,224,540	07-06-1993	Streich, et al.	
↓	A88	US-5,233,742	08-10-1993	Gray, et al.	
	A89	US-5,245,265	09-14-1993	Clay	
HD	A90	US-5,251,709	10-12-1993	Richardson	

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		Number-Kind Code ² (if known)				
HD	B21	GB 2 294 715	08-05-1996	Tibbitts		
	B22	GB 2 349 401	11-01-2000	Roberts, et al.		
	B23	GB 2 352 747	07-02-2001	Davis, et al.		
↓	B24	GB 2 357 530	06-27-2001	Schulze-Beckinghausen		
HD	B25	GB 2 372 765	09-04-2002	Head		

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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Group Art Unit	3672
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Attorney Docket Number	WEAT/0359.P1
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Sheet	6
of	12
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HD	A91	US-5,271,468	12-21-1993	Streich, et al.	
	A92	US-5,305,839	04-26-1994	Kalsi, et al.	
	A93	US-5,332,043	07-26-1994	Ferguson	
	A94	US-5,351,767	10-04-1994	Stogner, et al.	
	A95	US-5,388,651	02-14-1995	Berry	
	A96	US-5,394,823	03-07-1995	Lenze	
	A97	US-5,433,279	07-18-1995	Tassari, et al.	
	A98	US-5,494,122	02-27-1996	Larsen, et al.	
	A99	US-5,501,286	03-26-1996	Berry	
	A100	US-5,503,234	04-02-1996	Clanton	
	A111	US-5,540,279	07-30-1996	Branch, et al.	
	A112	US-5,542,472	08-06-1996	Pringle, et al.	
	A113	US-5,542,473	08-06-1996	Pringle, et al.	
	A114	US-5,553,672	09-10-1996	Smith, Jr., et al.	
	A115	US-5,577,566	11-26-1996	Albright, et al.	
↓	A116	US-5,645,131	07-08-1997	Trevisani	
↓	A117	US-5,706,894	01-13-1998	Hawkins, III	
HD	A118	US-5,791,410	08-11-1998	Castille, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B26	GB 709 365	05-19-1954	Standard Oil Development		
	B27	GB 716 761	10-13-1954	Standard Oil Development		
	B28	GB 881 358	11-01-1961	Kammerer, et al.		
↓	B29	GB 2 350 137	11-22-2000	Baugh, et al.		
HD	B30	RU 2 079 633	05-20-1997	Abdrakhmanov		

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735
Sheet	7
of	12
Submission Date	January 12, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A119	US-5,803,191	09-08-1998	Mackintosh	
	A120	US-5,813,456	09-29-1998	Milner, et al.	
	A121	US-5,836,395	11-17-1998	Budde	
	A122	US-5,839,515	11-24-1998	Yuan, et al.	
	A123	US-5,850,877	12-22-1998	Albright, et al.	
	A124	US-5,907,664	05-25-1999	Wang, et al.	
	A125	US-5,909,768	06-08-1999	Castille, et al.	
	A126	US-5,971,086	10-26-1999	Bee, et al.	
	A127	US-5,984,007	11-16-1999	Yuan, et al.	
	A128	US-5,988,273	11-23-1999	Monjure, et al.	
	A129	US-6,056,060	05-02-2000	Abrahamsen, et al.	
	A130	US-6,070,500	06-06-2000	Diask, et al.	
	A131	US-6,079,498	06-27-2000	Lirna, et al.	
	A132	US-6,079,509	06-27-2000	Bee, et al.	
	A133	US-6,142,545	11-07-2000	Penman, et al.	
	A134	US-6,161,617	12-19-2000	Gjedebo	
↓	A135	US-6,173,777	01-16-2001	Mullins	
HD	A136	US-6,199,641	03-13-2001	Downie, et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
HD	B31	WO 00/39429	07-06-2000	Pietras		
	B32	WO 00/39430	07-06-2000	Pietras		
↓	B33	WO 00/46484	08-10-2000	Van Buren, et al.		
↓	B34	WO 00/66879	11-09-2000	Hawkins, et al.		
HD	B35	WO 02/081863	10-17-2002	Simpson, et al.		

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 8

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735
Submission Date	January 12, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A137	US-6,223,823	05-01-2001	Head	
	A138	US-6,227,587	05-08-2001	Terral	
	A139	US-6,275,938	08-14-2001	Bond, et al.	
	A140	US-6,290,432	09-18-2001	Exley, et al.	
	A141	US-6,305,469	10-23-2001	Coenen, et al.	
	A142	US-6,309,002	10-30-2001	Bouligny	
	A143	US-6,349,764	02-26-2002	Adams, et al.	
	A144	US-6,360,633	03-26-2002	Pietras	
	A145	US-6,367,566	04-09-2002	Hill	
	A146	US-6,374,506	04-23-1993	Clay	
	A147	US-6,392,317	05-21-2002	Hall, et al.	
	A148	US-6,429,784	08-06-2002	Beique, et al.	
	A149	US-6,431,626	03-13-2002	Bouligny	
	A150	US-6,446,723	09-10-2002	Ramons, et al.	
	A151	US-6,622,796	09-23-2003	Pietras	
	A152	US-6,648,075	11-18-2003	Badrak, et al.	
↓	A153	US-6,688,394	02-10-2004	Ayling	
HD	A154	US-6,691,801	02-17-2004	Juhasz, et al.	

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		Number-Kind Code ² (if known)				
HD	B36	WO 02/44601	06-06-2002	Appleford, et al.		
	B37	WO 03/087525	10-23-2003	Vincent, et al.		
↓	B38	WO 93/07358	04-15-1993	Eiane, et al.		
	B39	WO 96/18799	06-20-1996	Stokka		
HD	B40	WO 98/05844	02-12-1998	Stokka		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735

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Submission Date

January 12, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A155	US-6,698,595	03-02-2004	Norell, et al.	
	A156	US-6,725,938	04-27-2004	Pietras	
	A157	US-6,742,596	06-01-2004	Haugen	
	A158	US-6,742,606	06-01-2004	Metcalfe, et al.	
	A159	US-2002/0070842	04-17-2003	Bailey, et al.	
	A160	US-2002/0108748	08-15-2002	Keyes	
	A161	US-2003/0029641	02-13-2003	Meehan	
	A162	US-2003/0056947	03-27-2003	Cameron	
	A163	US-2003/0164250	09-04-2003	Wardley	
	A164	US-2003/0164251	09-04-2003	Tulloch	
	A165	US-2003/0173090	09-18-2003	Cook, et al.	
	A166	US-2003/0213598	11-20-2003	Hughes	
	A167	US-2004/0003944	01-08-2004	Vincent, et al.	
	A168	US-2004/000405	01-01-2004	Fournier, Jr., et al.	
	A169	US-2004/0011534	01-22-2004	Simonds, et al.	
	A170	US-2004/0060697	04-01-2004	Tilton, et al.	
↓	A171	US-2004/0069500	04-15-2004	Haugen	
HD	A172	US-2004/0079533	04-29-2004	Buytaert, et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B41	WO 98/11322	03-19-1998	Gjedebo		
↓	B42	WO 98/32948	07-30-1998	Pietras		
↓	B43	WO 99/35368	07-15-1999	Lohbeck, et al.		
↓	B44	WO 99/41485	08-19-1999	Pietras		
HD	B45	WO 99/58810	11-18-1999	Abrahamsen, et al.		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735
Submission Date	January 12, 2005

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HD	A173	US-2004/0108142	06-10-2004	Vail, III	
	A174	US-2004/0112646	06-17-2004	Vail	
	A175	US-2004/0118613	06-24-2004	Vail	
	A176	US-2004/0123984	07-01-2004	Vail	
	A177	US-2004/0124015	07-01-2004	Vaile, et al.	
	A178	US-2004/0129456	07-08-2004	Vail	
	A179	US-2004/0140128	07-22-2004	Vail	
	A180	US-2004/0173358	09-09-2004	Haugen	
	A181	US-2004/0216925	11-04-2004	Metcalfe, et al.	
↓	A182	US-2004/0112646	06-17-2004	Vail	
HD	A183	US-Re 34,063	09-15-1992	Vincent, et al.	
	A184	US-			
	A185	US-			
	A186	US-			
	A187	US-			
	A188	US-			
	A189	US-			
	A190	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Number-Kind Code ² (if known)				
HD	B46	FR 2741907	06-06-1997	Leighton		
	B47					
	B48					
	B49					
	B50					

Examiner

/Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 11

of 12

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735

Submission Date

January 12, 2005

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD		DETLEF HAHN, FRIEDHELM MAKOHL, and LARRY WATKINS, Casing-While Drilling System Reduces Hole Collapse Risks, Offshore, Pages 54, 56, and 59, February 1998	
		YAKOV A. GELFGAT, MIKHAIL Y. GELFGAT and YURI S. LOPATIN, Retractable Drill Bit Technology – Drilling Without Pulling Out Drillpipe, Advanced Drilling Solutions Lessons From the FSU; June 2003; Vol. 2, pps. 351-464	
		TOMMY WARREN, SPE, BRUCE HOUTCHENS, SPE, GARRET MADELL, SPE, Directional Drilling With Casing, SPE/IADC 79914, Tesco Corporation, SPE/IADC Drilling Conference 2003	
		LaFleur Petroleum Services, Inc., "Autoseal Circulating Head," Engineering Manufacturing, 1992, 11 Pages	
		Valves Wellhead Equipment Safety Systems, W-K-M Division, ACF Industries, Catalog 80, 1980, 5 Pages	
		Canrig Top Drive Drilling Systems, Harts Petroleum Engineer International, February 1997, 2 Pages	
		The Original Portable Top Drive Drilling System, TESCO Drilling Technology, 1997	
↓		MIKE KILLALEA, Portable Top Drives: What's Driving The Market?, IADC, Drilling Contractor, September 1994, 4 Pages	
HD		500 or 650 ECIS Top Drive, Advanced Permanent Magnet Motor Technology, TESCO Drilling Technology, April 1998, 2 Pages	

Examiner

/Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1
Customer No.	36735
Submission Date	January 12, 2005

Sheet

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of 12

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD		500 or 650 HCIS Top Drive, Powerful Hydraulic Compact Top Drive Drilling System, TESCO Drilling Technology, April 1998, 2 Pages	
HD		Product Information (Sections 1-10) CANRIG Drilling Technology, Ltd., September 18, 1996	

Examiner

/Hoang Dang/ (06/23/2006)

Date Considered 06/23/2006

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Substitute for form 1449A/PTO		Application Number	10/775,048
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	February 9, 2004
(Use as many sheets as necessary)		First Named Inventor	Richard L. Giroux
DEC 06 2004 PATENT & TRADEMARK OFFICE		Group Art Unit	3672
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0359.P1
Sheet	1	Submission Date	December 3, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A1	US-6,223,823	05-01-2001	Head	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner	/Hoang Dang/ (06/23/2006)	Date Considered	06/23/2006
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Please type a plus sign (+) inside this box

→ +

PTO/SB/DB-03 (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

Approved for use through 09/30/2000. GMS 085-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

DEC 06 2004

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Substitute for form 1449B/PTO		Application Number	10/775,048
		Filing Date	February 9, 2004
		First Named Inventor	Richard L. Giroux
		Group Art Unit	3672
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0359.P1
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			
Sheet	2	of	2
		Submission Date	December 3, 2004

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD		PCT Search Report, International Application No. PCT/US2004/003702, dated November 4, 2004	

Examiner

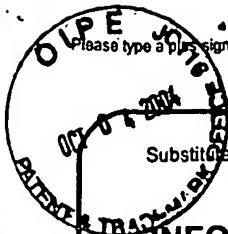
/Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 27

Application Number

10/775,048

Filing Date

February 9, 2004

First Named Inventor

Giroux et al.

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

Submission Date

September 22, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A1	US-6742606 B2	06/01/2004	McCalfe, et al.	
	A2	US-6702040 B1	03/09/2004	Sensenig	
	A3	US-6668937	12/30/2003	Murray	
	A4	US6634430	10/21/2003	Dawson et al.	
	A5	US-6547017 B1	04/15/2003	Vail,III	
	A6	US-6543552 B1	04/08/2003	McCalfe, et al.	
	A7	US-6536993 B2	03/25/2003	Strong, et al.	
	A8	US-6457532 B1	10/01/2002	Simpson	
	A9	US-6263987 B1	07/24/2001	Vail,III	
	A10	US-6216533 B1	04/17/2001	Woloson, et al.	
	A11	US-6189616 B1	02/20/2001	Gano, et al.	
	A12	US-6186233 B1	02/13/2001	Brunet	
	A13	US-6155360	12/05/2000	McLeod	
	A14	US-6135208	10/24/2000	Gano, et al.	
	A15	US-6098717	08/08/2000	Bailey et al.	
↓	A16	US-6070671	06/06/2000	Cumming et al.	
↓	A17	US-6035953	03/14/2000	Rear	
HD	A18	US-6024169	02/15/2000	Haugen	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
HD	B1	DE 3 213 464	10/13/1983	Reimer		
	B2	DE 4 133 802	10/22/1992	Andrejewski		
	B3	EP 0 235 105	09/02/1987	Kjell-Oue		
↓	B4	EP 0 265 344	04/27/1988	Legendre		
HD	B5	EP 0 462 618	12/27/1991	Karlsson		

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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PTO/SB/08a (08-03)

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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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27

10/775,048

Application Number

February 9, 2004

Filing Date

Giroux et al.

First Named Inventor

3672

Group Art Unit

Unknown

Examiner Name

WEAT/0359.P1

Attorney Docket Number

September 22, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A19	US-5887668	03/30/1999	Haugen et al.	
	A20	US-5887655	03/30/1999	Haugen, et al.	
	A21	US-5836409	11/17/1998	Vail,III	
	A22	US-5826651	10/27/1998	Lee, et al.	
	A23	US-5803666	09/08/1998	Keller	
	A24	US-5787978	08/04/1998	Carter, et al.	
	A25	US-5785132	07/28/1998	Richardson, et al.	
	A26	US-5717334	02/10/1998	Vail,III, et al.	
	A27	US-5706905	01/13/1998	Barr	
	A28	US-5615747	04/01/1997	Vail,III	
	A29	US-5575344	11/19/1996	Wireman	
	A30	US-5560440	10/01/1996	Tibbitts	
	A31	US-5553679	09/10/1996	Thorp	
	A32	US-5546317	10/10/1995	Hood, III, et al.	
	A33	US-5526880	06/18/1996	Jordan, Jr., et al.	
	A34	US-5520255	05/28/1996	Barr et al.	
	A35	US-5477925	12/26/1995	Trahan, et al.	
↓	A36	US-5458209	10/17/1995	Hayes, et al.	
↓	A37	US-5435400	07/25/1995	Smith	
HD	A38	US-5402856	04/04/1995	Warren, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
HD	B6	EP 0 554 568	08/11/1993	Tibbitts, et al.		
↓	B7	EP 0 961 007	12/06/1999	Gano, et al.		
↓	B8	EP 1 006 260	06/07/2000	Fincher, et al.		
HD	B9	GB 2 335 217	09/15/1999	Desai		

Examiner /Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Giroux et al.
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

Sheet

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of

27

Submission Date

September 22, 2004

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
HD	A39	US-5361859	11/08/1994	Tibbitts	
	A40	US-5322127	06/21/1991	McNair et al.	
	A41	US-5318122	06/07/1994	Murray, et al.	
	A42	US-5181571	01/27/1993	Mueller	
	A43	US-5109924	05/05/1992	Jurgens, et al.	
	A44	US-5052483	10/01/1991	Hudson	
	A45	US-4904119	02/27/1990	Legendre, et al.	
	A46	US-4848469	07/18/1989	Baugh et al.	
	A47	US-4836299	06/06/1989	Bodine	
	A48	US-4825947	05/02/1989	Mikolajczyk	
	A49	US-4699224	10/13/1987	Burton	
	A50	US-4681158	07/21/1987	Pennison	
	A51	US-4620600	11/04/1986	Persson	
	A52	US-4604818	08/12/1996	Inoue	
	A53	US4595058	06/17/1986	Nations	
	A54	US-4515045	05/07/1985	Gnatchenko, et al.	
↓	A55	US-4489793	12/25/1984	Boren	
↓	A56	US-4483399	11/20/1984	Colgate	
HD	A57	US-4466498	08/21/1984	Bardwell	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
HD	B10	GB 1 469 661	04/06/1977	Swobda, et al.		
↓	B11	GB 1 277 461	06/03/1972			
↓	B12	GB 1 448 304	09/02/1976			
HD	B13	GB 1 582 392	01/07/1981			

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Application Number

10/775,048

Filing Date

February 9, 2004

First Named Inventor

Giroux et al.

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

Sheet

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of

27

Submission Date

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		Number-Kind Code ² (if known)			
HD	A58	US-4446745	05/08/1994	Stone, et al.	
	A59	US-4396076	08/02/1983	Inoue	
	A60	US-4396077	09/12/1981	Radtke	
	A61	US-4274778	06/23/1981	Putnam, et al.	
	A62	US-4221269	09/09/1980	Hudson	
	A63	US-4189185	02/19/1980	Kammerer, Jr., et al.	
	A64	US-4186628	02/05/1990	Bonnice	
	A65	US-4100981	07/18/1978	Chaffin	
	A66	US-4083405	04/11/1978	Shirley	
	A67	US-3934660	01/27/1976	Nelson	
	A68	US-3901331	08/26/1975	Djurovic	
	A69	US-3785193	01/15/1974	Kinley et al.	
	A70	US-3700048	10/24/1972	Desmoulin	
	A71	US-3691624	09/19/1972	Kinley	
	A72	US-3669190	06/13/1972	Sizer et al.	
	A73	US-3624760	11/30/1971	Bodine	
	A74	US-3575245	04/20/1971	Cordary, et al.	
↓	A75	US-3489220	01/13/1970	Kinley	
HD	A76	US3387893	06/11/1968	Hoever	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
HD	B14	GB 2 053 088	02/04/1981	Gebhart		
	B15	GB 2 201 912	09/14/1988	Dinsdale		
↓	B16	GB 2 313 860	02/10/1997	Lee		
↓	B17	GB 2 320 270	06/17/1998	Armell, et al.		
HD	B18	GB 2 333 542	07/28/1999	Kirk		

Examiner

/Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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Application Number

10/775,048

Filing Date

February 9, 2004

First Named Inventor

Giroux et al.

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

Sheet

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		Number-Kind Code ² (if known)				
HD	A77	US-3353599		11/21/1967	Swift	
	A78	US-3191680		06/29/1965	Vincent	
	A79	US-3191677		06/29/1965	Kinley	
	A80	US-3169592		02/26/1965	Kammerer	
	A81	US-3102599		09/03/1963	Hillburn	
	A82	US-3087546		04/30/1963	Wooley	
	A83	US-2805043		09/03/1957	Williams	
	A84	US-2765146		10/02/1956	Williams	
	A85	US-2764329		09/25/1956	Hampton	
	A86	US-2743087		04/24/1956	Layne, et al.	
	A87	US-2663073		12/22/1953	Bieber et al.	
	A88	US-2641444		06/09/1953	Moon	
	A89	US-2627891		02/10/1953	Clark	
	A90	US-2499630		03/07/1950	Clark	
	A91	US-2324679		07/20/1943	Cox	
	A92	US2295803		09/15/1940	O'Leary	
↓	A93	US-2215895		10/08/1940	Stokes	
HD	A94	US-2060352		11/11/1936	Stokes	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
HD	B19	GB 2 365 463		02/20/2002	Giancarlo		
	B20	GB 2 382 361		05/28/2003	Hewson, et al.		
↓	B21	GB 2 216 926		10/18/1989	Haloid		
HD	B22	GB 2 348 223		09/27/2000	Cook, et al.		

Examiner

/Hoang Dang/ (06/23/2006)

Date Considered

06/23/2006

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Application Number

10/775,048

Filing Date

February 9, 2004

First Named Inventor

Giroux et al.

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

Submission Date

September 22, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HD	A95	US-2049450	08/04/1936	Johnson	
	A96	US-2017451	10/15/1935	Wickersham	
	A97	US-1981525	11/20/1934	Price	
	A98	US-1880218	10/04/1932	Simmons	
	A99	US-1342424	06/08/1920	Cotten	
	A100	US-1301285	04/22/1919	Leonard	
	A101	US1185582	05/30/1916	Bignell	
	A102	US-2004/0069501	04/15/2004	Haugen et al.	
	A103	US-2003/0217865	11/27/2003	Simpson, et al.	
	A104	US-2003/0146023	08/07/2003	Pia	
	A105	US-2003/0141111	07/31/2004	Pia	
	A106	US-2003/0111267	06/19/2003	Pia	
	A107	US-2003/0056991	03/27/2003	Hahn, et al.	
	A108	US-2002/0079102	06/27/2002	Dewey, et al.	
	A109	US-2002/0040787	4/11/2002	Cook, et al.	
	A110	US-2001/0002626	6/7/2001	Frank, et al.	
	A111	US-5833302	11/10/1998	Holcombe	
	A112	US-5615747	04/01/1997	Vail, III	
	A113	US-5375668	12/27/1994	Hallundbaek	
	A114	US-5197553	03/30/1993	Letumo	
	A115	US-4962822	01/16/1990	Pascale	
	A116	US-4960173	10/02/1990	Cognavich, et al.	
↓	A117	US-4651837	03/24/1987	Mayfield	
↓	A118	US-3603411	09/07/1971	Link	
HD	A119	US-3552508	01/05/1971	Brown	

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		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
HD	B23	GB 540 027	10/02/1941			
↓	B24	GB 7 928 86	04/12/1958			
↓	B25	GB 8 388 33	06/22/1960			
HD	B26	GB 9 977 21	07/07/1965	Gamier, et al.		

Examiner

/Hoang Dang/ (06/23/2006)

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Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Giroux et al.
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

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FOREIGN PATENT DOCUMENTS

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HD	B27	USSR 112631	01/10/1956	Barshai, et al.		
	B28	USSR 1304470	08/31/1984	Gelfat, et al.		
	B29	USSR 1808972	05/22/1991	Voroshbitov, et al.		
	B30	USSR 247162	05/10/1967	Barshai, et al.		
	B31	USSR 395557	12/30/1971	Barshai, et al.		
	B32	USSR 415346	03/03/1972	Barshai, et al.		
	B33	USSR 461218	04/23/1973	Barshai, et al.		
	B34	USSR 481689	06/09/1972	Barshai, et al.		
	B35	USSR 501139	12/14/1973	Barshai, et al.		
	B36	USSR 581238	02/23/1976	Barshai, et al.		
	B37	USSR 583278	08/30/1974	Barshai, et al.		
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	B41	USSR 659260	04/02/1967	Barshai		
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	B43	USSR 899820	06/29/1979	Alikin, et al.		
	B44	USSR 955765	02/09/1981	Gelfat, et al.		
	B45	WO 00/37766	06/29/2000	Simpson, et al.		
	B46	WO 01/83932	11/08/2001	Tulloch		
	B47	WO 90/06418	06/14/1990	Schulze-Bechinghausen		
	B48	WO 92/01139	01/23/1992	Nobilequ		
	B49	WO 92/18743	10/29/1992	Pietras		
↓	B50	WO 92/20899	11/26/1992	Ellis		
HD	B51	WO 93/24728	12/09/1993	Simpson		

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Application Number

10/775,048

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First Named Inventor

Giroux et al.

Group Art Unit

3672

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
HD	B52	WO 95/10686		04/20/1995	Lorenz, et al.		
	B53	WO 96/28635		09/19/1996	Strong, et al.		
	B54	WO 98/09053		03/05/1998	Murray, et al.		
	B55	WO 99/23354		05/14/1999	Metcalfe		
	B56	WO 99/37881		07/29/1999	Kirk, et al.		
	B57	WO 99/50528		10/07/1999	Kuck, et al.		
	B58	WO 99/64713		12/16/1999	Wardley		
	B59	WO 99/11902		03/11/1999	Hollingsworth		
↓	B50	FR 2053088		07/20/1970	Gottwald		
	B72	WO 00/08293		02/17/2000	Van Drentham-Susman		
HD	B73	WO 91/16520		10/31/1991	Hallundbaek		
	B74						
	B75						
	B76						
	B77						
	B78						

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number

10/775,048

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First Named Inventor

Giroux et al.

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

Submission Date

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD	C1	HAHN, ET AL., "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development," Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orleans, LA Feb. 23-25, 2000 pp. 1-9.	
	C2	M.B. STONE and J. SMITH, "Expandable Tubulars and Casing Drilling are Options" Drilling Contractor, January/February 2002, pp. 52.	
	C3	M. GELFGAT, "Retractable Bits Development and Application" Transactions of the ASME, Vol. 120, June (1998), pp. 124-130.	
	C4	"First Success with Casing-Drilling" Word Oil, February (1999), pp. 25.	
	C5	DEAN E. GADDY, Editor, "Russia Shares Technical Know-How with U.S." Oil & Gas Journal, March (1999), pp. 51-52 and 54-56.	
	C6	United States Patent Application 10/794,800, filed March 5, 2004 (WEAT/0360)	
	C7	United States Patent Application 10/832,804, filed April 27, 2004 (WEAT/0383.P1)	
	C8	United States Patent Application 10/795,214, filed March 5, 2004 (WEAT/0373)	
	C9	United States Patent Application 10/794,795, filed March 5, 2004 (WEAT/0357)	
	C10	United States Patent Application 10/775,048, filed February 9, 2004 (WEAT/0359)	
↓	C11	United States Patent Application 10/772,217, filed February 2, 2004 (WEAT/0344)	
HD	C12	United States Patent Application 10/788,976, filed February 27, 2004 (WEAT/0372)	

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Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Giroux et al.
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

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Submission Date

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD	C13	United States Patent Application 10/794,797, filed March 5, 2004 (WEAT/0371)	
	C14	United States Patent Application 10/767,322, filed January 29, 2004 (WEAT/0343)	
	C15	United States Patent Application 10/795,129, filed March 5, 2004 (WEAT/0366)	
	C16	United States Patent Application 10/794,790, filed March 5, 2004 (WEAT/0329)	
	C17	United States Patent Application 10/162,302, filed June 4, 2004 (WEAT/0410)	
	C18	Rotary Steerable Technology – Technology Gains Momentum, Oil & Gas Journal, 12/28/1998	
↓	C19	Directional Drilling, M. Mims, World Oil, May 1999, pp. 40-43	
HD	C20	Multilateral Classification System w/Example Applications, Alan MacKenzie & Cliff Hogg, World Oil, Jan. 1999, pp. 55-61	
	C21		
	C22		
	C23		
	C24		

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Giroux et al.
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

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U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
HD	A120	6,591,471	07-15-2003	Hollingsworth et al.			
	A121	6,554,064	04-29-2003	Restarick et al.			
	A122	6,538,576	03-25-2003	Schultz et al.			
	A123	6,536,520	03-25-2003	Snider et al.			
	A124	6,527,064	03-04-2003	Hallundbaek			
	A125	6,527,047	03-04-2003	Pietras			
	A126	6,497,280	12-24-2002	Beck et al.			
	A127	6,484,818	11-26-2002	Alft et al.			
	A128	6,464,004	10-15-2002	Crawford et al.			
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	A131	6,427,776	08-06-2002	Hoffman et al.			
	A132	6,419,033	07-16-2002	Hahn et al.			
	A133	6,419,014	07-16-2002	Meek et al.			
	A134	6,412,574	07-02-2002	Wardley et al.			
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	A138	6,397,946	06-04-2002	Vail, III			
	A139	6,378,630	04-30-2002	Ritorto et al.			
	A140	6,378,627	04-30-2002	Tubel et al.			
↓	A141	6,374,924	04-23-2002	Hanton et al.			
HD	A142	6,371,203	04-16-2002	Frank et al.			

Examiner /Hoang Dang/ (06/23/2006) Date Considered 06/23/2006

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(Use as many sheets as necessary)		First Named Inventor	Giroux et al.		
		Group Art Unit	3672		
		Examiner Name	Unknown		
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U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
HD	A143	6,359,569	03-19-2002	Beck et al.			
	A144	6,357,485	03-19-2002	Quigley et al.			
	A145	6,343,649	02-05-2002	Beck et al.			
	A146	6,325,148	12-04-2001	Trahan et al.			
	A147	6,315,051	11-13-2001	Ayling			
	A148	6,311,792	11-06-2001	Scott et al.			
	A149	6,296,066	10-02-2001	Terry et al.			
	A150	6,263,987	07-24-2001	Vail, III			
	A151	6,234,257	05-22-2001	Ciglenec et al.			
	A152	6,220,117	04-24-2001	Butcher			
	A153	6,206,112	03-27-2001	Dickinson, III et al.			
	A154	6,196,336	03-06-2001	Fincher et al.			
	A155	6,189,621	02-20-2001	Vail, III			
	A156	6,182,776	02-06-2001	Asberg			
↓	A157	6,172,010	01-09-2001	Argillier et al.			
↓	A158	6,170,573	01-09-2001	Brunet et al.			
HD	A159	6,158,531	12-12-2000	Vail, III			
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				Group Art Unit	3672	
				Examiner Name	Unknown	
				Attorney Docket Number	WEAT/0359.P1	
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HD	A160	6,119,772	09-19-2000	Pruet			
	A161	6,065,550	05-23-2000	Gardes			
	A162	6,062,326	05-16-2000	Strong et al.			
	A163	6,061,000	05-09-2000	Edwards			
	A164	6,059,053	05-09-2000	McLeod			
	A165	6,059,051	05-09-2000	Jewkes et al.			
	A166	6,026,911	02-22-2000	Angle et al.			
	A167	6,000,472	12-14-1999	Albright et al.			
	A168	5,971,079	10-26-1999	Mullins			
	A169	5,957,225	09-28-1999	Sinor			
	A170	5,950,742	09-14-1999	Caraway			
	A171	5,947,213	09-07-1999	Angle et al.			
	A172	5,931,231	08-03-1999	Mock			
	A173	5,921,332	07-13-1999	Spedale, Jr.			
	A174	5,921,285	07-13-1999	Quigley et al.			
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	A177	5,894,897	04-20-1999	Vail, III			
	A178	5,890,549	04-06-1999	Sprehe			
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✓	A180	5,860,474	01-19-1999	Stoltz et al.			
HD	A181	5,845,722	12-08-1998	Makohl et al.			

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				Group Art Unit	3672		
				Examiner Name	Unknown		
				Attorney Docket Number	WEAT/0359.P1		
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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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	A183	5,839,519	11-24-1998	Spedale, Jr.			
	A184	5,839,330	11-24-1998	Stokka			
	A185	5,829,520	11-03-1998	Johnson			
	A186	5,828,003	10-27-1998	Thomeer et al.			
	A187	5,785,134	07-28-1998	McLeod et al.			
	A188	5,746,276	05-05-1998	Stuart			
	A189	5,743,344	04-28-1998	McLeod et al.			
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	A191	5,732,776	03-31-1998	Tubel et al.			
	A192	5,720,356	02-24-1998	Gardes			
	A193	5,711,382	01-27-1998	Hansen et al.			
	A194	5,667,026	09-16-1997	Lorenz et al.			
	A195	5,667,023	09-16-1997	Harrell et al.			
	A196	5,662,182	09-02-1997	McLeod et al.			
	A197	5,662,170	09-02-1997	Donovan et al.			
	A198	5,661,888	09-02-1997	Hanslik			
	A199	5,651,420	07-29-1997	Tibbitts et al.			
	A200	5,584,343	12-17-1996	Coone			
▼	A201	5,582,259	12-10-1996	Barr			
HD	A202	5,560,437	10-01-1996	Dickel et al.			
Examiner /Hoang Dang/ (06/23/2006)				Date Considered 06/23/2006			
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Substitute for form 1449A/PTO				Application Number	10/775,048		
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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
HD	A203	5,551,521	09-03-1996	Vail, III			
	A204	5,547,029	08-20-1996	Rubbo et al.			
	A205	5,535,838	07-16-1996	Keshavan et al.			
	A206	5,535,824	07-16-1996	Hudson			
	A207	5,497,840	03-12-1996	Hudson			
	A208	5,472,057	12-05-1995	Winfree			
	A209	5,452,923	09-26-1995	Smith			
	A210	5,386,746	02-07-1995	Hauk			
	A211	5,379,835	01-10-1995	Streich			
	A212	5,368,113	11-29-1994	Schulze-Beckinghausen			
	A213	5,355,967	10-18-1994	Mueller et al.			
	A214	5,354,150	10-11-1994	Canales			
	A215	5,353,872	10-11-1994	Wittrisch			
	A216	5,343,950	09-06-1994	Hale et al.			
	A217	5,332,048	07-26-1994	Underwood et al.			
	A218	5,323,858	06-28-1994	Jones et al.			
	A219	5,320,178	06-14-1994	Cornette			
	A220	5,305,830	04-26-1994	Wittrisch			
↓	A221	5,297,833	03-29-1994	Willis et al.			
HD	A222	5,294,228	03-15-1994	Willis et al.			
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HD	A223	5,291,956	03-08-1994	Mueller et al.			
	A224	5,285,204	02-08-1994	Sas-Jaworsky			
	A225	5,285,008	02-08-1994	Sas-Jaworsky et al.			
	A226	5,282,653	02-01-1994	LaFleur et al.			
	A227	5,271,472	12-21-1993	Leturno			
	A228	5,255,751	10-26-1993	Stogner			
	A229	5,255,741	10-26-1993	Alexander			
	A230	5,234,052	08-10-1993	Coone et al.			
	A231	5,197,553	03-30-1993	Leturno			
	A232	5,191,939	03-09-1993	Stokley			
	A233	5,186,265	02-16-1993	Henson et al.			
	A234	5,172,765	12-22-1992	Sas-Jaworsky			
	A235	5,168,942	12-08-1992	Wydrinski			
	A236	5,160,925	11-03-1992	Dailey et al.			
	A237	5,148,875	09-22-1992	Karlsson et al.			
	A238	5,111,893	05-12-1992	Kvello-Aune			
	A239	5,096,465	03-17-1992	Chen et al.			
	A240	5,082,069	01-21-1992	Seiler et al.			
↓	A241	5,074,366	12-24-1991	Karlsson et al.			
HD	A242	5,060,737	10-29-1991	Mohn			
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	A246	5,022,472	06-11-1991	Bailey et al.			
	A247	4,997,042	03-05-1991	Jordan et al.			
	A248	4,962,822	10-16-1990	Pascale			
	A249	4,921,386	05-01-1990	McArthur			
	A250	4,880,058	11-14-1989	Lindsey et al.			
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	A252	4,843,945	07-04-1989	Dinsdale			
	A253	4,842,081	06-27-1989	Parant			
	A254	4,832,552	05-23-1989	Skelly			
	A255	4,813,495	03-21-1989	Leach			
	A256	4,765,416	08-23-1988	Bjerkeng et al.			
	A257	4,762,187	08-09-1988	Haney			
	A258	4,760,882	08-02-1988	Novak			
	A259	4,735,270	04-05-1988	Fenyvesi			
	A260	4,725,179	02-16-1988	Woolslayer et al.			
↓	A261	4,671,358	06-09-1987	Lindsey, Jr. et al.			
HD	A262	4,686,873	08-18-1987	Lang et al.			
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	A266	4,630,691	12-23-1986	Hooper			
	A267	4,605,077	08-12-1986	Bojadieff			
	A268	4,604,724	08-05-1986	Shaginian et al.			
	A269	4,589,495	05-20-1986	Langer et al.			
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	A274	4,474,243	10-02-1984	Gaines			
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	A276	4,470,470	09-11-1984	Takano			
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↓	A284	4,320,915	03-23-1982	Abbott et al.			
HD	A285	4,315,553	02-16-1982	Stallings			
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	A291	4,175,619	11-27-1979	Davis			
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	A295	4,100,968	07-18-1978	Delano			
	A296	4,085,808	04-25-1978	Kling			
	A297	4,082,144	04-04-1978	Marquis			
	A298	4,077,525	03-07-1978	Callegari et al.			
	A299	4,064,939	12-27-1977	Marquis			
	A300	4,054,426	10-18-1977	White			
↓	A301	4,049,066	09-20-1977	Richey			
HD	A302	3,980,143	09-14-1976	Swartz et al.			
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	A315	3,603,413	09-07-1971	Grill, et al.			
	A316	3,603,412	09-07-1971	Kammerer, Jr. et al.			
	A317	3,603,411	09-07-1971	Link			
	A318	3,559,739	02-02-1971	Hutchison			
	A319	3,570,598	03-16-1971	Johnson			
	A320	3,552,510	01-05-1971	Brown			
	A321	3,552,509	01-05-1971	Brown			
	A322	3,552,508	01-05-1971	Brown			
	A323	3,550,684	12-19-1970	Cubberly, Jr.			
	A324	3,518,903	07-07-1970	Ham, et al.			
↓	A325	3,392,609	07-16-1968	Bartos			
HD	A326	3,380,528	04-30-1968	Timmons			

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HD	A327	3,159,219	12-01-1964	Scott			
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	A329	3,122,811	03-03-1964	Gilreath			
	A330	2,743,495	05-01-1956	Eklund			
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	A332	2,692,059	10-19-1954	Bolling, Jr.			
	A333	2,668,689	02-09-1954	Cormany			
	A334	2,650,314	08-25-1953	Hennigh, et al.			
	A335	2,621,742	12-16-1952	Brown			
	A336	2,610,690	09-16-1952	Beatty			
	A337	2,522,444	09-12-1950	Grable			
	A338	2,214,429	09-10-1940	Miller			
	A339	1,917,135	07-04-1933	Littell			
	A340	1,842,638	01-26-1932	Wigle			
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	A343	2003/0034177		Chitwood et al.			08/15/2002
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	A345	2002/0189806		Davidson et al.			06/13/2002
	A346	2002/0162690		Hanton et al.			11/27/2001
	A347	2002/0157829		Davis et al.			04/26/2001
	A348	2002/0134555		Allen et al.			12/07/2001
	A349	2002/0074132		Juhasz et al.			03/03/2000
↓	A350	2002/0074127		Birckhead et al.			02/22/2001
HD	A351	2002/0066556		Goode et al.			08/02/2001
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HD	A352	2001/0047883		Hanton et al.			02/18/2000
	A353	2001/0042625		Appleton			07/30/2001
	A354	2001/0040054		Haugen et al.			05/04/2001
	A355	2001/0013412		Tubel			01/18/2001
	A356	2001/0000101		Lovato et al.			12/07/2000
	A357	10/618,093					
	A358	2004/0003490		Shahin et al.			03/05/2003
	A359	2003/0221519		Haugen et al.			03/05/2003
	A360	2004/0124011		Gledhill et al.			12/31/2002
	A361	2004/0124010		Galloway et al.			12/30/2002
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	A363	2004/0112603		Galloway et al.			12/13/2002
	A364	2004/0069501		Haugen et al.			10/11/2002
	A365	10/189,570					
✓	A366	5,613,567	03-25-1997	Hudson			
HD	A367	5,343,951	09-06-1994	Cowan et al.			
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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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HD	B74	WO 02/086287	10-31-2002	WIPO	E21B	47/01	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B75	WO 01/94739	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B76	WO 01/94738	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B77	WO 01/81708	11-01-2001	WIPO	E21B	10/32	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B78	WO 01/79650	10-25-2001	WIPO	E21B	10/60	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B79	WO 01/46550	06-28-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B80	WO 01/12946	02-22-2001	WIPO	E21B	19/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B81	WO 00/50730	08-31-2000	WIPO	E21B	10/66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B82	WO 00/28188	05-18-2000	WIPO	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B83	WO 00/37771	06-29-2000	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B84	WO 00/11311	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B85	WO 00/11310	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B86	WO 00/11309	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B87	WO 00/05483	02-03-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B88	WO 98/55730	12-10-1998	WIPO	E21B	23/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B89	WO 97/08418	03-06-1997	WIPO	E21B	4/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B90	GB 2 357 101	06-13-2001	UK	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B91	EP 1 050 661	11-08-2000	EP	E21B	7/18	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B92	EP 0 571 045	08-19-1998	EP	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B93	GB 2 216 926	10-18-1989	UK	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
↓	B94	SU 1618870	01-07-1991	Russia	E21B	33/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HD	B95	WO 96/28635	09-19-1996	WIPO	E21B	17/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	C22	De Leon Mojarrro, "Breaking A Paradigm: Drilling With Tubing Gas Wells," SPE Paper 40051, SPE Annual Technical Conference And Exhibition, March 3-5, 1998, pp. 465-472
	C23	De Leon Mojarrro, "Drilling/Completing With Tubing Cuts Well Costs By 30%," World Oil, July 1998, pp. 145-150
	C24	Littleton, "Refined Slimhole Drilling Technology Renews Operator Interest," Petroleum Engineer International, June 1992, pp. 19-26
	C25	Anon, "Slim Holes Fat Savings," Journal of Petroleum Technology, September 1992, pp. 816-819
	C26	Anon, "Slim Holes, Slimmer Prospect," Journal of Petroleum Technology, November 1995, pp. 949-952
	C27	Vogt, et al., "Drilling Liner Technology For Depleted Reservoir," SPE Paper 36827, SPE Annual Technical Conference And Exhibition, October 22-24, pp. 127-132
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	C29	Sinor, et al., Rotary Liner Drilling For Depleted Reservoirs," IADC/SPE Paper 39399, IADC/SPE Drilling Conference, March 3-6, 1998, pp 1-13
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

Substitute for form 1449A/PTO				Application Number	10/775,048
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 9, 2004
(Use as many sheets as necessary)				First Named Inventor	Giroux et al.
				Group Art Unit	3672
				Examiner Name	Unknown
				Attorney Docket Number	WEAT/0359.P1
Sheet	25	of	27	Submission Date	September 22, 2004

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				First Named Inventor	Giroux et al.
				Group Art Unit	3672
				Examiner Name	Unknown
				Attorney Docket Number	WEAT/0359.P1
Sheet	26	of	27	Submission Date	September 22, 2004

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Sheet	27	of	27
		Submission Date	September 22, 2004

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Examiner	/Hoang Dang/ (06/23/2006)	Date Considered 06/23/2006

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/775,048
Filing Date	February 9, 2004
First Named Inventor	Richard L. Giroux
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0359.P1

Sheet 1 of 1

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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	A11	US-			
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of

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Application Number

10/775,048

Filing Date

February 9, 2004

First Named Inventor

Richard L. Giroux

Group Art Unit

3672

Examiner Name

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Attorney Docket Number

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Submission Date

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U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
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	A4	US-			
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	A10	US-			
	A11	US-			
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		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
HD	B1	WO 03/087525	10-23-2003	Vincent, et al.		
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	B3					
	B4					
	B5					

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Sheet

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of 2

Application Number

10/775,048

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February 9, 2004

First Named Inventor

Richard L. Giroux

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0359.P1

September 1, 2004

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HD		TOMMY WARREN, BRUCE HOUTCHENS, and W. R. PORTAS, JR., Part II: Casing Drilling With Directional Steering In The U.S. Gulf of Mexico, Offshore, Pages 40-42, February 2001	
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/Hoang Dang/ (06/22/2006)

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